

2-9-2012  
Thurs

As per Fred Freeman (talked  
w/ Rich Rupert) The Review of This  
QAPP has been suspended. QAPP <sup>Site Specific</sup>  
NOT Required via CFR.

*[Signature]*



**Re: Additional verbiage for qualified data**

**Fred Foreman** to: Cynthia Caporale, Cynthia Metzger

02/23/2012 03:10 PM

Cc: Ed Messer, Jarmael Burman, Mike Mahoney, Brandon McDonald

**From:** Fred Foreman/ESC/R3/USEPA/US  
**To:** Cynthia Caporale/ESC/R3/USEPA/US@EPA, Cynthia Metzger/ESC/R3/USEPA/US@EPA  
**Cc:** Ed Messer/ESC/R3/USEPA/US@EPA, Jarmael Burman/ESC/R3/USEPA/US@EPA, Mike Mahoney/ESC/R3/USEPA/US@EPA, Brandon McDonald/ESC/R3/USEPA/US@EPA

All,

Several of the Test America data reported low level (between MDL and RL) hits of triethylene glycol and diethylene glycol. Analytical data was reported from a single column using GC/FID. Test America was contacted to determine if the positive hits had been confirmed on any secondary column or by GC/MS, as recommended in Method 8015B, Section 7.6.4 and responded that their "8015 glycol modified method is a single column analysis, there is no secondary column."

Analysis by GC/FID, a non-selective detector, requires confirmation of positive results by secondary column or GC/MS. As this was not performed by Test America, the results reported cannot be confirmed, especially at the level (near the MDL) reported. Therefore, we will recommend that positive results be qualified "R", "Analyte may or may not be present in the sample. Supporting data necessary to confirm result is required. Unusable result"

A paragraph will also be added to the data validation report narrative, prepared by ESAT, to explain this action.

If you have questions, feel free to contact myself or any member of the QA Staff.

Fred

Fred Foreman, Chief  
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410-305-2629

Ed Messer

02/23/2012 10:57:51 AM

**From:** Ed Messer/ESC/R3/USEPA/US  
**To:** Fred Foreman/ESC/R3/USEPA/US@EPA  
**Cc:** Jarmael Burman/ESC/R3/USEPA/US@EPA, Mike Mahoney/ESC/R3/USEPA/US@EPA, Brandon McDonald/ESC/R3/USEPA/US@EPA  
**Date:** 02/23/2012 10:57 AM  
**Subject:** Additional verbiage for qualified data

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**As discussed earlier today in our meeting, the following comment is proposed to be added to the data validation report:**

Peaks were detected in the GC/FID Method 8015B glycols analysis within the retention time window of target compounds diethylene glycol and triethylene glycol. However, the positive identification of these target compounds was not confirmed via a second GC column and/or GC/MS analysis. For this reason, the target compounds were qualified "R" as their absolute identity could not be proven.